

# SCORE Search Results Details for Application 10516759 and Search Result 20081112\_112531\_us-10-516-759-14\_copy\_24\_81.rapbn.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

This page gives you Search Results detail for the Application 10516759 and Search Result 20081112\_112531\_us-10-516-759-14\_copy\_24\_81.rapbn.

[Go Back to previous page](#)

GenCore version 6.3  
Copyright (c) 1993 - 2008 Biocceleration Ltd.

OM protein - protein search, using sw model

Run on: November 12, 2008, 12:22:02 ; Search time 3 Seconds  
(without alignments)  
79.618 Million cell updates/sec

Title: US-10-516-759-14\_COPY\_24\_81  
Perfect score: 350  
Sequence: 1 DIKHNRP RRDCVAEGKVC DP.....RNYSRGGVCVTHCNFLNGEP 58

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 26953 seqs, 4118148 residues

Total number of hits satisfying chosen parameters: 26953

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_AA\_New:\*  
1: /ABSS/Data/CRF/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
2: /ABSS/Data/CRF/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
3: /ABSS/Data/CRF/ptodata/2/pubpaa/US11\_NEW\_PUB.pep:\*  
4: /ABSS/Data/CRF/ptodata/2/pubpaa/US12\_NEW\_PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed,

and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	200	57.1	1210	4	US-12-076-413-24	Sequence 24, Appl
2	185	52.9	1210	4	US-12-076-413-20	Sequence 20, Appl
3	185	52.9	1210	4	US-12-076-413-22	Sequence 22, Appl
4	179	51.1	1210	4	US-12-052-760A-125	Sequence 125, App
5	174	49.7	653	4	US-12-099-798A-3	Sequence 3, Appli
6	174	49.7	683	3	US-11-905-876-2	Sequence 2, Appli
7	174	49.7	712	4	US-12-099-798A-7	Sequence 7, Appli
8	174	49.7	919	4	US-12-099-798A-6	Sequence 6, Appli
9	174	49.7	1255	4	US-12-052-760A-126	Sequence 126, App
10	174	49.7	1256	4	US-12-099-798A-1	Sequence 1, Appli
11	173	49.4	654	4	US-12-099-798A-8	Sequence 8, Appli
12	173	49.4	1256	4	US-12-099-798A-2	Sequence 2, Appli
13	164	46.9	1256	4	US-12-099-798A-14	Sequence 14, Appl
14	87.5	25.0	419	3	US-11-429-374-1811	Sequence 1811, Ap
15	87.5	25.0	1006	3	US-11-429-374-1643	Sequence 1643, Ap
16	73	20.9	1593	3	US-11-909-021-50	Sequence 50, Appl
17	65.5	18.7	280	3	US-11-803-705-5	Sequence 5, Appli
18	65.5	18.7	285	3	US-11-803-705-4	Sequence 4, Appli
19	65.5	18.7	288	3	US-11-803-705-2	Sequence 2, Appli
20	65.5	18.7	290	3	US-11-803-705-3	Sequence 3, Appli
21	65.5	18.7	308	3	US-11-803-705-7	Sequence 7, Appli
22	65.5	18.7	308	3	US-11-803-705-8	Sequence 8, Appli
23	65.5	18.7	317	3	US-11-803-705-6	Sequence 6, Appli
24	65.5	18.7	319	3	US-11-803-705-1	Sequence 1, Appli
25	65	18.6	2196	4	US-12-055-597-122	Sequence 122, App
26	63.5	18.1	1260	4	US-12-029-557-151	Sequence 151, App
27	62.5	17.9	1285	3	US-11-365-756-118	Sequence 118, App
28	62	17.7	1263	4	US-12-029-557-142	Sequence 142, App
29	61.5	17.6	182	4	US-12-006-933-30	Sequence 30, Appl
30	61.5	17.6	909	4	US-12-010-108-4	Sequence 4, Appli
31	58.5	16.7	266	4	US-12-012-885-35	Sequence 35, Appl
32	58	16.6	1843	3	US-11-570-869-30	Sequence 30, Appl
33	58	16.6	3846	3	US-11-365-756-131	Sequence 131, App
34	57	16.3	313	4	US-12-012-885-71	Sequence 71, Appl
35	55	15.7	483	3	US-11-822-885A-18	Sequence 18, Appl
36	55	15.7	586	3	US-11-365-756-116	Sequence 116, App
37	55	15.7	939	3	US-11-365-756-61	Sequence 61, Appl
38	55	15.7	954	3	US-11-365-756-59	Sequence 59, Appl
39	55	15.7	1034	3	US-11-365-756-51	Sequence 51, Appl
40	55	15.7	1049	3	US-11-365-756-47	Sequence 47, Appl
41	55	15.7	1078	3	US-11-365-756-53	Sequence 53, Appl
42	55	15.7	1093	3	US-11-365-756-49	Sequence 49, Appl

43	55	15.7	1136	3	US-11-365-756-57	Sequence 57, Appl
44	55	15.7	1140	3	US-11-365-756-114	Sequence 114, App
45	55	15.7	1151	3	US-11-365-756-55	Sequence 55, Appl

ALIGNMENTS

RESULT 1

US-12-076-413-24  
; Sequence 24, Application US/12076413  
; Publication No. US20080241168A1  
; GENERAL INFORMATION:  
; APPLICANT: Kuja-Panula, Juha  
; APPLICANT: Kiiltomaki, Marjaana  
; APPLICANT: Rauvala, Heikki  
; TITLE OF INVENTION: NOVEL PROTEIN AND USES THEREOF  
; FILE REFERENCE: 0933-0246PUS1  
; CURRENT APPLICATION NUMBER: US/12/076,413  
; CURRENT FILING DATE: 2008-03-18  
; PRIOR APPLICATION NUMBER: US/10/537,102  
; PRIOR FILING DATE: 2005-06-02  
; PRIOR APPLICATION NUMBER: US 60/433,011  
; PRIOR FILING DATE: 2002-12-13  
; NUMBER OF SEQ ID NOS: 79  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 24  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Mus musculus  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Murine EGFR  
US-12-076-413-24

Query Match	57.1%;	Score 200;	DB 4;	Length 1210;
Best Local Similarity	59.6%;	Pred. No. 6.5e-18;		
Matches	34;	Conservative	5;	Mismatches 18; Indels 0; Gaps 0;

  

Qy	2	IKHNRPRRDCVAEGKVC	DPLCSSGGCWGPGPGQCL	SCRNYSRGGVCVTHCNFL	NGEP	58
		:   :	:	:  :		
Db	490	IMNNAEKDCKAVNHVC	NPLCSSEGCGWPEPRDC	VSCQNVSRGRECV	EKCNILEGEP	546

RESULT 2

US-12-076-413-20  
; Sequence 20, Application US/12076413  
; Publication No. US20080241168A1  
; GENERAL INFORMATION:

; APPLICANT: Kuja-Panula, Juha  
; APPLICANT: Kiiltomaki, Marjaana  
; APPLICANT: Rauvala, Heikki  
; TITLE OF INVENTION: NOVEL PROTEIN AND USES THEREOF  
; FILE REFERENCE: 0933-0246PUS1  
; CURRENT APPLICATION NUMBER: US/12/076,413  
; CURRENT FILING DATE: 2008-03-18  
; PRIOR APPLICATION NUMBER: US/10/537,102  
; PRIOR FILING DATE: 2005-06-02  
; PRIOR APPLICATION NUMBER: US 60/433,011  
; PRIOR FILING DATE: 2002-12-13  
; NUMBER OF SEQ ID NOS: 79  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 20  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-12-076-413-20

Query Match 52.9%; Score 185; DB 4; Length 1210;  
Best Local Similarity 59.3%; Pred. No. 4.7e-16;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:| | || | |||| | |:||| || | || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGE 546

RESULT 3  
US-12-076-413-22  
; Sequence 22, Application US/12076413  
; Publication No. US20080241168A1  
; GENERAL INFORMATION:  
; APPLICANT: Kuja-Panula, Juha  
; APPLICANT: Kiiltomaki, Marjaana  
; APPLICANT: Rauvala, Heikki  
; TITLE OF INVENTION: NOVEL PROTEIN AND USES THEREOF  
; FILE REFERENCE: 0933-0246PUS1  
; CURRENT APPLICATION NUMBER: US/12/076,413  
; CURRENT FILING DATE: 2008-03-18  
; PRIOR APPLICATION NUMBER: US/10/537,102  
; PRIOR FILING DATE: 2005-06-02  
; PRIOR APPLICATION NUMBER: US 60/433,011  
; PRIOR FILING DATE: 2002-12-13  
; NUMBER OF SEQ ID NOS: 79  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 22  
; LENGTH: 1210  
; TYPE: PRT

; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Human EGFR  
US-12-076-413-22

Query Match 52.9%; Score 185; DB 4; Length 1210;  
Best Local Similarity 59.3%; Pred. No. 4.7e-16;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| ||||| | |:|||| ||| || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546

RESULT 4  
US-12-052-760A-125  
; Sequence 125, Application US/12052760A  
; Publication No. US20080194043A1  
; GENERAL INFORMATION  
; APPLICANT: Christopher C Burgess et al  
; TITLE OF INVENTION: Detection Methods Using TIMP1  
; FILE REFERENCE: 2002P56009US02  
; CURRENT APPLICATION NUMBER: US/12/052,760A  
; CURRENT FILING DATE: 2008-03-21  
; PRIOR APPLICATION NUMBER: 12/052,762  
; PRIOR FILING DATE: 2008-03-21  
; PRIOR APPLICATION NUMBER: 10/734,564  
; PRIOR FILING DATE: 2003-12-12  
; PRIOR APPLICATION NUMBER: 60/433,554  
; PRIOR FILING DATE: 2002-12-13  
; PRIOR APPLICATION NUMBER: 60/491,397  
; PRIOR FILING DATE: 2003-07-13  
; NUMBER OF SEQ ID NOS: 138  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 125  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-12-052-760A-125

Query Match 51.1%; Score 179; DB 4; Length 1210;  
Best Local Similarity 57.4%; Pred. No. 2.6e-15;  
Matches 31; Conservative 2; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| ||||| | |:|||| ||| || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCKLLEGEP 546

RESULT 5

US-12-099-798A-3  
; Sequence 3, Application US/12099798A  
; Publication No. US20080213295A1  
; GENERAL INFORMATION  
; APPLICANT: Martin A. Cheever  
; APPLICANT:Dirk Gheysen  
; TITLE OF INVENTION: HER-2/Neu Fusion Proteins  
; FILE REFERENCE: CRX113US2  
; CURRENT APPLICATION NUMBER: US/12/099,798A  
; CURRENT FILING DATE: 2008-05-07  
; PRIOR APPLICATION NUMBER: 09/854,356  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: 60/177,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 653  
; TYPE: PRT  
; ORGANISM: Homo Sapiens  
US-12-099-798A-3

Query Match	49.7%;	Score 174;	DB 4;	Length 653;	
Best Local Similarity	51.9%;	Pred. No. 6.1e-15;			
Matches	28;	Conservative	5;	Mismatches	21; Indels 0; Gaps 0;
Qy	5	NRPRRDCVAEGKVC	DPLCSSGGCWGPGPGQCL	SCRNYSRGGVCVTHCNFL	NGEP 58
		:          :           ::  :			
Db	498	NRPEDECVGEGLACHQL	CARGHCWGPGPTQCVNCSQ	FLRGQECVEECRVLQGLP	551

RESULT 6

US-11-905-876-2  
; Sequence 2, Application US/11905876  
; Publication No. US20080213302A1  
; GENERAL INFORMATION  
; APPLICANT: Delcayre, Alain  
; APPLICANT:Laus, Reiner  
; APPLICANT:Stefanie, Mandl  
; TITLE OF INVENTION: Methods for Treating Cancer with MVA  
; FILE REFERENCE: BNIT0001-US  
; CURRENT APPLICATION NUMBER: US/11/905,876  
; CURRENT FILING DATE: 2008-02-20  
; PRIOR APPLICATION NUMBER: 60/850,031  
; PRIOR FILING DATE: 2006-10-06

; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn version 3.5  
; SEQ ID NO 2  
; LENGTH: 683  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: mHER2 polypeptide  
US-11-905-876-2

Query Match 49.7%; Score 174; DB 3; Length 683;  
Best Local Similarity 51.9%; Pred. No. 6.3e-15;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 7  
US-12-099-798A-7  
; Sequence 7, Application US/12099798A  
; Publication No. US20080213295A1  
; GENERAL INFORMATION  
; APPLICANT: Martin A. Cheever  
; APPLICANT:Dirk Gheysen  
; TITLE OF INVENTION: HER-2/Neu Fusion Proteins  
; FILE REFERENCE: CRX113US2  
; CURRENT APPLICATION NUMBER: US/12/099,798A  
; CURRENT FILING DATE: 2008-05-07  
; PRIOR APPLICATION NUMBER: 09/854,356  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: 60/177,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 7  
; LENGTH: 712  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: fusion protein of ECD and delta PD of human  
; OTHER INFORMATION:HER-2/neu  
US-12-099-798A-7

Query Match 49.7%; Score 174; DB 4; Length 712;  
Best Local Similarity 51.9%; Pred. No. 6.6e-15;

Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 8  
US-12-099-798A-6  
; Sequence 6, Application US/12099798A  
; Publication No. US20080213295A1  
; GENERAL INFORMATION  
; APPLICANT: Martin A. Cheever  
; APPLICANT:Dirk Gheysen  
; TITLE OF INVENTION: HER-2/Neu Fusion Proteins  
; FILE REFERENCE: CRX113US2  
; CURRENT APPLICATION NUMBER: US/12/099,798A  
; CURRENT FILING DATE: 2008-05-07  
; PRIOR APPLICATION NUMBER: 09/854,356  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: 60/177,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 6  
; LENGTH: 919  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Fusion protein of ECD and PD of human HER-2/neu  
US-12-099-798A-6

Query Match 49.7%; Score 174; DB 4; Length 919;  
Best Local Similarity 51.9%; Pred. No. 8.4e-15;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 9  
US-12-052-760A-126  
; Sequence 126, Application US/12052760A  
; Publication No. US20080194043A1  
; GENERAL INFORMATION  
; APPLICANT: Christopher C Burgess et al



; TITLE OF INVENTION: Detection Methods Using TIMP1  
; FILE REFERENCE: 2002P56009US02  
; CURRENT APPLICATION NUMBER: US/12/052,760A  
; CURRENT FILING DATE: 2008-03-21  
; PRIOR APPLICATION NUMBER: 12/052,762  
; PRIOR FILING DATE: 2008-03-21  
; PRIOR APPLICATION NUMBER: 10/734,564  
; PRIOR FILING DATE: 2003-12-12  
; PRIOR APPLICATION NUMBER: 60/433,554  
; PRIOR FILING DATE: 2002-12-13  
; PRIOR APPLICATION NUMBER: 60/491,397  
; PRIOR FILING DATE: 2003-07-13  
; NUMBER OF SEQ ID NOS: 138  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 126  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-12-052-760A-126

Query Match 49.7%; Score 174; DB 4; Length 1255;  
Best Local Similarity 51.9%; Pred. No. 1.1e-14;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 10  
US-12-099-798A-1  
; Sequence 1, Application US/12099798A  
; Publication No. US20080213295A1  
; GENERAL INFORMATION  
; APPLICANT: Martin A. Cheever  
; APPLICANT:Dirk Gheysen  
; TITLE OF INVENTION: HER-2/Neu Fusion Proteins  
; FILE REFERENCE: CRX113US2  
; CURRENT APPLICATION NUMBER: US/12/099,798A  
; CURRENT FILING DATE: 2008-05-07  
; PRIOR APPLICATION NUMBER: 09/854,356  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: 60/177,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 1

; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: DOMAIN  
; LOCATION: (1)...(653)  
; OTHER INFORMATION: extracellular domain (ECD)  
; NAME/KEY: DOMAIN  
; LOCATION: (676)...(1255)  
; OTHER INFORMATION: intracellular domain (ICD)  
; NAME/KEY: DOMAIN  
; LOCATION: (990)...(1255)  
; OTHER INFORMATION: phosphorylation domain (PD)  
; NAME/KEY: DOMAIN  
; LOCATION: (990)...(1048)  
; OTHER INFORMATION: fragment of the phosphorylation domain, perferred  
; OTHER INFORMATION:portion (delta PD)  
US-12-099-798A-1

Query Match 49.7%; Score 174; DB 4; Length 1256;  
Best Local Similarity 51.9%; Pred. No. 1.1e-14;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 499 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVLQGLP 552

RESULT 11  
US-12-099-798A-8  
; Sequence 8, Application US/12099798A  
; Publication No. US20080213295A1  
; GENERAL INFORMATION  
; APPLICANT: Martin A. Cheever  
; APPLICANT:Dirk Gheysen  
; TITLE OF INVENTION: HER-2/Neu Fusion Proteins  
; FILE REFERENCE: CRX113US2  
; CURRENT APPLICATION NUMBER: US/12/099,798A  
; CURRENT FILING DATE: 2008-05-07  
; PRIOR APPLICATION NUMBER: 09/854,356  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: 60/177,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 654

; TYPE: PRT  
; ORGANISM: Rattus sp.  
; FEATURE:  
; NAME/KEY: DOMAIN  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: Extracellular domain (ECD) of rat HER-2/neu  
US-12-099-798A-8

Query Match 49.4%; Score 173; DB 4; Length 654;  
Best Local Similarity 51.9%; Pred. No. 8.1e-15;  
Matches 28; Conservative 6; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| || || ||: ||: | ||||| ||::| :: || || | |  
Db 499 NRPEEDCGLEGLVCNSLCAHGHCWGP GPTQCVNCSHFLRGQECVVEECRVWKGLP 552

RESULT 12  
US-12-099-798A-2  
; Sequence 2, Application US/12099798A  
; Publication No. US20080213295A1  
; GENERAL INFORMATION  
; APPLICANT: Martin A. Cheever  
; APPLICANT:Dirk Gheysen  
; TITLE OF INVENTION: HER-2/Neu Fusion Proteins  
; FILE REFERENCE: CRX113US2  
; CURRENT APPLICATION NUMBER: US/12/099,798A  
; CURRENT FILING DATE: 2008-05-07  
; PRIOR APPLICATION NUMBER: 09/854,356  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: 60/177,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Rattus sp.  
; FEATURE:  
; NAME/KEY: DOMAIN  
; LOCATION: (1)...(654)  
; OTHER INFORMATION: extracellular domain (ECD)  
; NAME/KEY: DOMAIN  
; LOCATION: (677)...(1256)  
; OTHER INFORMATION: intracellular domain (ICD)  
; NAME/KEY: DOMAIN  
; LOCATION: (721)...(998)

; OTHER INFORMATION: kinase domain (KD)  
; NAME/KEY: DOMAIN  
; LOCATION: (991)...(1256)  
; OTHER INFORMATION: phosphorylation domain (PD)  
; NAME/KEY: DOMAIN  
; LOCATION: (991)...(1049)  
; OTHER INFORMATION: fragment of the phosphorylation domain, preferred  
; OTHER INFORMATION:portion (delta PD)  
US-12-099-798A-2

Query Match 49.4%; Score 173; DB 4; Length 1256;  
Best Local Similarity 51.9%; Pred. No. 1.5e-14;  
Matches 28; Conservative 6; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| || || ||: ||: | ||||| ||::| :: || || | |  
Db 499 NRPEEDCGLEGLVCNSLCAHGH CWGP GPTQCVNCSHFLRGQECV EECRVWKGLP 552

RESULT 13  
US-12-099-798A-14  
; Sequence 14, Application US/12099798A  
; Publication No. US20080213295A1  
; GENERAL INFORMATION  
; APPLICANT: Martin A. Cheever  
; APPLICANT:Dirk Gheysen  
; TITLE OF INVENTION: HER-2/Neu Fusion Proteins  
; FILE REFERENCE: CRX113US2  
; CURRENT APPLICATION NUMBER: US/12/099,798A  
; CURRENT FILING DATE: 2008-05-07  
; PRIOR APPLICATION NUMBER: 09/854,356  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: 60/177,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 14  
; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Mus sp.  
US-12-099-798A-14

Query Match 46.9%; Score 164; DB 4; Length 1256;  
Best Local Similarity 50.0%; Pred. No. 1.9e-13;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58

Db 499 NRPEEACGLEGLVCNSLCARGHCWGPPTQCVNCSQFLRGQECVEECRVWKGLP 552

RESULT 14

US-11-429-374-1811  
; Sequence 1811, Application US/11429374  
; Publication No. US20080213886A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PF564  
; CURRENT APPLICATION NUMBER: US/11/429,374  
; CURRENT FILING DATE: 2006-05-08  
; PRIOR APPLICATION NUMBER: 10/775,204  
; PRIOR FILING DATE: 2004-02-11  
; PRIOR APPLICATION NUMBER: PCT/US02/40891  
; PRIOR FILING DATE: 2002-12-23  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 1811  
; LENGTH: 419  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-429-374-1811

Query Match 25.0%; Score 87.5; DB 3; Length 419;  
Best Local Similarity 35.7%; Pred. No. 0.00021;  
Matches 15; Conservative 7; Mismatches 13; Indels 7; Gaps 2;

Qy 10 DCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHC 51

Db 234 DC-----CHEQCAA-GCTGPKHSDCLACLHFNHSGICELHC 268

RESULT 15

US-11-429-374-1643

; Sequence 1643, Application US/11429374  
; Publication No. US20080213886A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Albumin Fusion Proteins  
; FILE REFERENCE: PF564  
; CURRENT APPLICATION NUMBER: US/11/429,374  
; CURRENT FILING DATE: 2006-05-08  
; PRIOR APPLICATION NUMBER: 10/775,204  
; PRIOR FILING DATE: 2004-02-11  
; PRIOR APPLICATION NUMBER: PCT/US02/40891  
; PRIOR FILING DATE: 2002-12-23  
; PRIOR APPLICATION NUMBER: 60/341,811  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 60/360,000  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/378,950  
; PRIOR FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/398,008  
; PRIOR FILING DATE: 2002-07-24  
; PRIOR APPLICATION NUMBER: 60/411,355  
; PRIOR FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: 60/414,984  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/417,611  
; PRIOR FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 60/420,246  
; PRIOR FILING DATE: 2002-10-23  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2222  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 1643  
; LENGTH: 1006  
; TYPE: PRT  
; ORGANISM: Homo sapiens

US-11-429-374-1643

Query Match 25.0%; Score 87.5; DB 3; Length 1006;  
Best Local Similarity 35.7%; Pred. No. 0.00048;  
Matches 15; Conservative 7; Mismatches 13; Indels 7; Gaps 2;

Qy 10 DCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHC 51

|| | |:: || || ||:| :: |:: |:: ||

Db 236 DC-----CHEQCAA-GCTGPKHSDCLACLHFNHSGICELHC 270

Search completed: November 12, 2008, 12:22:05

Job time : 3 secs

SCORE 3.9